Mountain Weather Forecast

Snowdonia National Park

Forecast valid from 06:00 on Friday 16 Dec 2022 until 23:59 on Saturday 17 Dec 2022

Forecast Issued on Friday 16 Dec 2022 at 02:59

Confidence: High for a change to a milder west to southwest flow over the weekend, but lowering confidence for the detail of the associated snow, wind and rain.

Headline for Friday 16 Dec 2022: Brighter spells at first, showers later. Freezing level lifting a little as southwest winds develop. Severe wind chill at height.

Mountain weather hazards on Friday 16 Dec 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)	Light snow showers (night)
Precipitation probability					
00%	<05%	10%	10%	20%	30%

Forecast for Friday 16 Dec 2022

Weather: Starting dry with a widespread frost, and some freezing fog patches in the valleys. Any fog patches only slowly clearing through the morning. Mainly dry through the day with some sunny spells, but perhaps the odd sleet or snow shower reaching western parts of the Park from late morning. Snow level lifting through the day. Some freezing fog patches possibly re-forming in the east through the evening.

Chance of cloud-free hill tops above 800m: 90% plus at first becoming 60% in the west during the afternoon

Low Cloud and visibility: Any freezing fog lifting during the morning, giving some patchy low cloud. Patches or areas of cloud developing in the west with bases down to 400-500m. Visibility generally very good with clear views of distant hills, but very poor within fog or cloud, with nearby landmarks obscured.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Friday 16 Dec 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	9/11 SW	14/17 SW	17/21 S	22/27 SW	24/30 SW	25/30 SW	25/32 SW
600	11/13 S	12/14 S	14/19 S	15/20 S	15/22 SW	15/21 S	17/24 S
300	6/8 S	7/12 S	10/17 S	9/18 S	10/20 SW	9/19 S	11/22 S
Valley	6/9 S	8/13 S	11/18 S	10/19 S	10/20 SW	10/20 S	12/23 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-2/-7	-2/-8	-2/-9	-2/-10	-2/-10	-2/-10	-2/-10
600	0/-5	-0/-5	-1/-6	-0/-6	-0/-6	-0/-6	-0/-6
300	1/-2	1/-2	1/-3	2/-2	1/-3	1/-3	1/-3
Valley	2/-1	2/-1	3/-2	3/-1	2/-2	2/-2	3/-2
Freezing Level*	200m	400m	400m	500m	300m	400m	600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Severe wind chill developing at height as the wind picks up slightly.

Forecast for Saturday 17 Dec 2022

Weather: Rather cloudy with showers or longer periods of snow, sleet and rain. Snow level around 400-500m.

Maximum wind: South to southwest mean 20-25 mph with gusts reaching 35-40 mph across most exposed ridges and summits.

Chance of cloud-free hill tops above 800m: 20%

Low Cloud and visibility: Often moderate or poor in rain or sleet, with nearby hills difficult to make out, very poor in snow and within cloud with nearby landmarks obscured. Cloud bases quite extensive from 400-500m.

Temperature: **Valleys:** Minus 3 Celsius increasing plus 3 Celsius during the afternoon
At 800m: Zero Celsius increasing plus 2 Celsius
Freezing level: 500-600m

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Ground Conditions Supplement
Please see - https://snowdonia.gov.wales/visit/snowdon/yr-wyddfa-ground-conditions-reports/
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